

Serial No.:10/657,776

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PATENT APPLICATION
Docket No.: NC 84,571

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AMENDMENTS TO THE SPECIFICATION

Please replace the identified paragraph with the following rewritten paragraph.

[0047] In order to use the threshold shift as the electronic transduction mechanism, a feedback circuit that adjusted the gate voltage on the transistor was provided in order to maintain a constant source-drain current. In this mode of operation, the detected change in gate voltage was proportional to the number of adsorbed molecules of DMMP.